

DERWENT-WEEK: 200325

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TITLE: Organic electroluminescent device and manufacturing method thereof

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PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2001KR-0029465 (May 28, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2002090569 A	December 5, 2002	N/A	001	H05B 033/22

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2002090569A	N/A	2001KR-0029465	May 28, 2001

INT-CL (IPC): H05B033/22

ABSTRACTED-PUB-NO: KR2002090569A

BASIC-ABSTRACT:

NOVELTY - An organic electroluminescent device and a manufacturing method thereof are provided to reduce the permeation of gas or moisture from the outside by forming partitions in a trapezoid or circular arc shape. ←

DETAILED DESCRIPTION - A transparent electrode(2) of a strip shape serving as an anode and an insulating layer(3) are provided on a transparent substrate(1) in a predetermined pattern, thereby forming a luminescent dot. A trapezoid-shaped partition(40) for a cathode division is formed on the insulating layer(3). An organic luminescent layer(5) consisting of a hole injection/transporting layer and an electron injection/transporting layer is formed on a region of the transparent electrode(2), excluding the insulating layer(3) and the trapezoid-shaped partition(40). The organic luminescent layer(5) partially covers an end edge of the insulating layer(3). An electrode(6) for a cathode is formed on the organic luminescent layer(5) to fully cover the insulating layer(3) and the organic luminescent layer(5).

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: ORGANIC ELECTROLUMINESCENT DEVICE MANUFACTURE METHOD

